

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/IB2004/003550

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B60L3/00 G01R31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B60L G01R H02J H02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 281 562 A (AISIN AW CO) 5 February 2003 (2003-02-05)	1,7
A	abstract paragraph '0006! paragraphs '0130! - '0132! figure 1	2-6
A	EP 1 322 028 A (TOYOTA MOTOR CO LTD) 25 June 2003 (2003-06-25) figure 1 paragraphs '0016! - '0018! ----- -/-	1-7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

20 January 2005

Date of mailing of the international search report

31/01/2005

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09, 13 October 2000 (2000-10-13) & JP 2000 166105 A (TOYOTA MOTOR CORP), 16 June 2000 (2000-06-16) abstract	1-7
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06, 28 June 1996 (1996-06-28) & JP 08 051800 A (TOYOTA MOTOR CORP), 20 February 1996 (1996-02-20) cited in the application abstract	1,7
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 12, 26 December 1996 (1996-12-26) & JP 08 214592 A (KANSAI ELECTRIC POWER CO INC:THE; TOSHIBA CORP), 20 August 1996 (1996-08-20) cited in the application abstract	1,7

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Information on patent family members

In: International Application No
PCT/IB2004/003550

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